

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30</i>				1. REQUISITION NUMBER 1300648641		PAGE 1 OF 11	
2. CONTRACT NO. <b>N00164-13-D-JQ59</b>		3. AWARD/EFFECTIVE DATE <b>07-Jul-2017</b>		4. ORDER NUMBER <b>N0016417FJ137</b>		5. SOLICITATION NUMBER	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME				b. TELEPHONE NUMBER (No Collect Calls)	
8. OFFER DUE DATE/LOCAL TIME							
9. ISSUED BY		CODE <b>N00164</b>		10. THIS ACQUISITION IS			
NAVAL SURFACE WARFARE CENTER CRANE DIV (b)(6) BLDG (b)(6) 300 HIGHWAY 361 CRANE IN 47522-5001  TEL: (b)(6) FAX: (b)(6)		<input type="checkbox"/> SMALL BUSINESS		<input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: _____ % FOR: WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM			
		<input type="checkbox"/> HUBZONE SMALL BUSINESS		<input type="checkbox"/> EDWOSB			
		<input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS		<input type="checkbox"/> 8(A)			
				NAICS: <b>334511</b>  SIZE STANDARD: <b>750</b>			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS <b>Net 30 days</b>		<input checked="" type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		13b. RATING <b>DO-A7</b>	
				14. METHOD OF SOLICITATION		<input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP	
15. DELIVER TO		CODE <b>N00164</b>		16. ADMINISTERED BY			
NAVAL SURFACE WARFARE CENTER CRANE DIV M/F (b)(6) BLDG (b)(6) 300 HWY 361 CRANE IN 47522-5001				DCMA BOSTON 495 SUMMER STREET BOSTON MA 02210-2138  SCD: B			
17a. CONTRACTOR/ OFFEROR		CODE <b>3UVR3</b>		FACILITY CODE		18a. PAYMENT WILL BE MADE BY	
FLIR SYSTEMS, INC. (b)(6) 25 ESQUIRE RD. NORTH BILLERICA MA 01862-2501  TELEPHONE NO.						DFAS - COLUMBUS CENTER NORTH ENTITLEMENT OPERATIONS P.O. BOX 182317 COLUMBUS OH 43218-2266	
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	<b>SEE SCHEDULE</b>						
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only)	
<b>See Schedule</b>						<b>\$33,584.41</b>	
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED.						ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED	
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED.						ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED	
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.				<input type="checkbox"/> 29. AWARD OF CONTRACT: REF. OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)			
(b)(6)							
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)		31c. DATE SIGNED	
				(b)(6) / Contract Specialist TEL: (b)(6) EMAIL: (b)(6)		10-Jul-2017	

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS (CONTINUED)				PAGE 2 OF 11	
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	<b>SEE SCHEDULE</b>				
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____					
32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE			32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
			32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	
37. CHECK NUMBER					
38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY			
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT 41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		41c. DATE	42a. RECEIVED BY <i>(Print)</i>		
			42b. RECEIVED AT <i>(Location)</i>		
			42c. DATE REC'D <i>(YY/MM/DD)</i>	42d. TOTAL CONTAINERS	

## Section 1.0 - Schedule/Inspection &amp; Acceptance/Delivery

DELIVERY ORDER NUMBERING SYSTE

PLEASE NOTE DoD REVISED ITS NUMBERING SYSTEM OF DELIVERY / JOB ORDERS. ALTHOUGH THIS ORDER IS THE 26th DELIVERY ORDER AGAINST CONTRACT N00164-13-D-JQ59, THE DELIVERY ORDER NUMBER FOR SHIPPING AND INVOICING PURPOSES IS N0016417FJ137.

bill as follows in iRAPT:

- 1) Enter Contract Number in the Reference Procurement Identifier field
- 2) Enter the Delivery Order in the Contract Number field
- 3) Leave the Delivery Order field blank

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>U/I</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0002	PR #: 1300648641 Engineering Services NRE (b)(5) Safety Software Update IAW Statement of Work dated 08 May 2017 contained herein.  FSC/PSC: 5855 FOB: Destination FFP Contract ACRN AA	(b)(4)	Each	(b)(4)	\$33,584.41

## INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0002	Destination	Government	Destination	Government

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
------	---------------	----------	-----------------	------------------

0002 09-AUG-2017

(b)(4)

NAVAL SURFACE WARFARE CENTER N00164  
CRANE DIV

M/F: (b)(6)

BLDG (b)(6)

300 HWY 361

CRANE IN 47522-5001

(b)(6)

FOB: Destination

DELIVERY NOTE

**EARLY DELIVERIES AT NO ADDITIONAL COST TO THE GOVERNMENT ARE ACCEPTABLE AND DESIRABLE.**

## Section 2.0 - Accounting Information

## ACCOUNTING AND APPROPRIATION DATA

AA: (b)(4)

COST CODE: A00004033913

AMOUNT: (b)(4)

ACRN	CLIN/SLIN	CIN	AMOUNT
AA	0002	130064864100001	(b)(4)

## CLAUSES INCORPORATED BY FULL TEXT

## 252.204-0001 LINE ITEM SPECIFIC: SINGLE FUNDING. (SEP 2009)

The payment office shall make payment using the ACRN funding of the line item being billed.

(End of clause)

## 252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through

WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

COMBO

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

DESTINATION / DESTINATION

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table\*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0337
Issue By DoDAAC	N00164
Admin DoDAAC	S2206A
Inspect By DoDAAC	N/A
Ship To Code	N00164
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N/A
Service Acceptor (DoDAAC)	N/A
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.

(b)(6)

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

CRAN\_ACQUISITN\_WAWF@NAVY.MIL

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

#### CNIN-G-0014 PAYMENT STATUS INQUIRIES (FEB 2016)

The status of invoice payments can be obtained through MOCAS myInvoice at: <https://myinvoice.csd.disa.mil/> myInvoice is a web-based application developed specifically for contractors/vendors and Government/Military employees to obtain invoice status and payment data. It is an interactive web-based system, accessible 24 hours a day/7 days a week.

Follow the website instructions and download [“Getting Started with myInvoice”](#) to assist in the registration process.

If you require additional assistance with accessing myInvoice, effective 17 Jun 2013, contact the Columbus Accounting System Helpdesk (CASH) at [CCO-CASH@DFAS.MIL](mailto:CCO-CASH@DFAS.MIL) or Toll Free at (855) 211-6308.

The status of invoice payments may also be obtained by contacting the DFAS Paying Office designated on the contract cover page. DFAS Paying Office Vendor Pay Customer Service offices are listed below:

F03000	DFAS Dayton	1-800-756-4571 - option 4
F67100	DFAS Limestone	1-800-756-4571 - option 4
HQ0105	DFAS Indianapolis	1-888-332-7366 or 1-317-212-0300
HQ0131	DFAS Columbus Caps	1-800-756-4571 - option 2, option 2
HQ0248	DFAS Rome	1-800-553-0527
HQ0250	DFAS Rome	1-800-553-0527
HQ0302	DFAS Rome	1-800-553-0527
HQ0303	DFAS Rock Island	1-800-756-4571 - option 2, option 5
HQ0304	DFAS St. Louis	1-800-756-4571 - option 3
HQ0337	DFAS Columbus North	1-800-756-4571 - option 1
HQ0338	DFAS Columbus South	1-800-756-4571 - option 1
HQ0339	DFAS Columbus West	1-800-756-4571 - option 1
HQ0347	DFAS Indianapolis	1-888-332-7366
HQ0248	DFAS Indianapolis	1-888-332-7366 or 1-317-212-0300
HQ0490	DFAS Rome	1-800-553-0527 or 1-315-709-6001
M67443	DFAS Kansas City	1-800-756-4571 - option 5
N0024B	Navy_ERP NAVSEA HQ	1-202-781-3145
N62828	Navy_ERP NSWC Crane	<a href="mailto:cran_vendorpay@navy.mil">cran_vendorpay@navy.mil</a>
N64142	Navy_ERP NAWCAD	1-732-323-1082
	(Patuxent River, Lakehurst and NAVAIR HQ)	

N68732	DFAS Cleveland	1-800-756-4571 - option 2 and 4
	(Now pays DFAS Charleston N68892, DFAS Pensacola N68566, DFAS San Diego N68688)	
SL4701	DFAS Columbus EBS	1-800-756-4571 - option 2 and 2



## Section 4.0 - Clauses &amp; Other Full Text Information

STATEMENT OF WORK 08 MAY 2017

**Statement of Work  
for  
Software Safety Update of Maritime Forward Looking Infrared (MARFLIR) II**

**08 May 2017**

**Prepared By:  
Crane Division  
Naval Surface Warfare Center  
Electro-Optics Technology Division  
Maritime Platform Electro Optics  
Crane, IN. 47522**

**DISTRIBUTION STATEMENT “D”.** Distribution authorized to DOD and U.S. DOD Contractors only (CriticalTechnology) as of 09 September 2015. Other requests for this document shall be referred to: Commanding Officer, Naval Surface Warfare Center - Crane, Building 3291, Code JXQQL, 300 Highway 361, Crane, IN 47522-5001.

**1.0 Scope**

This Statement of Work (SOW) sets forth the requirements to update the software on the MARFLIR II systems with part number 28800-204. The software update is to place password protection on the LASING REGION menu that will prevent a system operator from inadvertently changing the Azimuth and Elevation LASING regions.

**1.1 Background**

NSWC Crane, the Lead Naval technical lab for lasers, and the Laser Safety Review Board have conducted a safety evaluation of the MARFLIR II system (b)(5). This evaluation has resulted in the Laser Safety Review Board requesting NSWC Crane incorporate an engineering safety control to reduce the risk of inadvertently firing a Class 3B Laser pointer at an individual who is located on the weather deck of the (b)(5) ship that the system is installed on. The preferred engineering safety is to place a software update on the MARFLIR II to password protect the LASING Regions settings. The Lasing regions are to be set by NSWC Crane after installing the MARFLIR II on ship.

**2.0 Applicable Documents**

The following specifications and documents form a part of this SOW to the extent specified herein. Unless otherwise specified, the most current version of these documents listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto shall be applicable.

**2.1 Military and Government Documents**

- a) MIL-HDBK-61A Configuration Management Guidance, 7 Feb 2001

**2.2 Non-Government Documents**

- b) 4127987 MARFLIR II Operator's Manual Rev G, Mar 2017
- c) ANSI/ISO/ASQC 9001:2008 Quality Management Systems-Requirements, Jan 2008
- d) JESD625-A Requirements for Handling Electrostatic-Discharge - Sensitive (ESDS) Devices, Dec 99
- e) EIA 649B National Consensus Standard for Configuration Management, 01 Apr 04

### 3.0 Requirements

#### 3.1 Applicable systems

The Contractor shall provide an update to the software installed on MARFLIR II systems (b)(5)

(b)(5)

(b)(5) The software installation should be performed at NSW Crane on the systems with serial numbers Systems ordered on Delivery Order 0024 as well as any new MARFLIR II systems with part number 28800-204 will be delivered with this software update. This feature must be retained through all future software/configuration changes that may affect the serial numbers associated with the 28800-204 part number.

#### 3.2 Software Upgrade Requirements

The Contractor shall deliver a software upgrade that incorporates some form of password protection that inhibits changing any of the Lasing Regions for azimuth or elevation without inserting the password. The password must be at least 3 characters long. A three digit tumbler with three different numbers would be an acceptable password. A good example of an acceptable form of protection is the maintenance password utilized in the Star SAFIRE III menu. The password must contain at least 3 different characters. The password must be supplied to NSW Crane when the software upgrade occurs.

#### 3.3 Training, Training Material, and Testing

**3.3.1** The Contractor shall provide training to NSW Crane on any changes in accessing of the LASING regions.

The training material and operator manual shall be updated to incorporate changes made in the menu while executing this update. The Contractor shall provide updates of any changes that occur due to the ECP process via the means specified in N0016413DJQ59.

**3.3.2** The Contractor shall follow quality assurance, configuration controls, and configuration management requirements defined in N0016413DJQ59.

#### 3.4 Radioactive and Hazardous Materials

The use of any radioactive source material in any quantities for whatever reason shall be fully disclosed to the Government. This includes, but is not limited to, anti-reflective coatings on optics. A Certificate of Conformance shall be submitted providing the total amounts in grams and microcuries of Thorium or other source materials as covered in Title 10, Code of Federal Regulations (CFR), Part 20 and Part 40. Safety Data Sheets shall be provided for the Electro Optic System (EOS) for the radioactive material used IAW 29 CFR 1910.1200(g).

The use of any hazardous material in any quantities for whatever reason shall be fully disclosed to the Government. Safety Data Sheets shall be provided for the EOS for the hazardous material used IAW 29 CFR 1910.1200(g).

#### 3.5 Engineering Change Proposals (ECP)

As applicable and not to conflict with the terms and conditions of existing contracts, the Contractor may submit ECPs for the respective EOS for product revisions. All changes to the EOS or test equipment, regardless of level or complexity, shall maintain compatibility (back-compatibility) and interoperability with all previously manufactured and previously revised EOS or test equipment.

#### 3.6 Data Validation

The Contractor shall have a process in place that provides for the validation of the adequacy and technical accuracy of the documentation delivered in support of this contract. The Government will verify and approve the accuracy of all documentation provided by the Contractor. The Contractor at no additional expense to the Government shall correct any discrepancies in the documentation. All documentation shall be kept current for the contract life.

#### 3.7 Packaging, Handling, Storage, and Transportation

The Contractor shall utilize best commercial practices to ensure all deliverables are packaged as effectively as plausible to protect the equipment from damage during shipping and handling. The Contractor shall provide protection of Electrostatic Discharge (ESD) sensitive devices per Referenced.

**3.8 Government Furnished Property**

NSWC Crane will provide the above listed serial numbered unit(s) needing a software upgrade to the Contractor when a DO is issued. The unit(s) will be made available to the contractor at the contractors request to fulfill the software upgrade at NSWC Crane. The unit(s) shall be upgraded, tested and returned to the Government based on the timeframe negotiated based on the Upgrade Estimate and agreed to by the Government. The Contractor is to provide a status update of which units have been upgraded during the weekly MARFLIR II status update meetings.

**3.17 Operators Manuals**

The Contractor shall provide updates to reference B as necessary per any changes made during this software update. The contractor shall inform the Government of any operator manual updates or revisions during the period of performance, and provide the updated or revised manuals to the Government at no additional cost.